

PTO FORM HDP-1449 (Based on Form PTO-1449)

PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Sheet 1 of 1

ATTORNEY DOCKET NO.	SERIAL NO.
5074A-000067	10/687,539
APPLICANT	
Foley, et al.	
FILING DATE	GROUP
October 16, 2003	3736

U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.	JK	6,226,548	05/2001	Foley, et al.		
2.		6,530,929	03/2003	Sherman, et al.		
3.		5,249,581	10/1993	Nowacki		
4.		2003/187351	10/2003	Franklin, et al.		

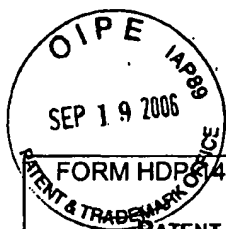
FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
1.	JK	0 326 768	08/1989	EPO			

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Date Considered: 3/15/07

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Sheet 1 of 11

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U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.	JK	3,109,588	11/1963	Polhemus et al.		
2.		3,614,950	10/1971	Rabey		
3.		3,644,825	02/1972	Davis, Jr. et al.		
4.		3,821,469	06/1974	Whetstone et al.		
5.		3,983,474	09/1976	Kuipers		
6.		4,017,858	04/1977	Kuipers		
7.		4,182,312	01/1980	Mushabac		
8.		4,228,799	10/1980	Anichkov et al.		
9.		4,256,112	03/1981	Kopf et al.		
10.		4,298,874	11/1981	Kuipers		
11.		4,319,136	03/1982	Jinkins		
12.		4,328,548	05/1982	Crow et al.		
13.		4,341,220	07/1982	Perry		
14.		4,346,384	08/1982	Raab		
15.		4,396,945	08/1983	DiMatteo et al.		
16.		4,419,012	12/1983	Stephenson et al.		
17.		4,506,676	03/1985	Duska		
18.		4,571,834	02/1986	Fraser et al.		
19.		4,583,538	04/1986	Onik et al.		
20.		4,608,977	09/1986	Brown		
21.		4,617,925	10/1986	Laitinen		
22.		4,638,798	01/1987	Shelden et al.		
23.		4,659,971	04/1987	Suzuki et al.		
24.		4,660,970	04/1987	Ferrano		
25.		4,688,037	08/1987	Krieg		
26.		4,701,049	10/1987	Beckmann et al.		

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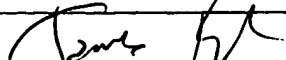
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27.	SK	4,705,395	11/1987	Hageniers		
28.		4,705,401	11/1987	Addleman et al.		
29.		4,709,156	11/1987	Murphy et al.		
30.		4,710,708	12/1987	Rorden et al.		
31.		4,723,544	02/1988	Moore et al.		
32.		4,733,969	03/1988	Case et al.		
33.		Re. 32,619	03/1988	Damadian		
34.		4,737,032	04/1988	Addleman et al.		
35.		4,742,356	05/1988	Kuipers		
36.		4,742,815	05/1988	Ninan et al.		
37.		4,743,770	05/1988	Lee		
38.		4,743,771	05/1988	Sacks et al.		
39.		4,745,290	05/1988	Frankel et al.		
40.		4,753,528	06/1988	Hines et al.		
41.		4,761,072	08/1988	Pryor		
42.		4,764,016	08/1988	Johansson		
43.		4,779,212	10/1988	Levy		
44.		4,782,239	11/1988	Hirose et al.		
45.		4,788,481	11/1988	Niwa		
46.		4,794,262	12/1988	Sato et al.		
47.		4,804,261	02/1989	Kirschen		
48.		4,805,615	02/1989	Carol		
49.		4,809,694	03/1989	Ferrara		
50.		4,821,200	04/1989	Öberg		
51.		4,822,163	04/1989	Schmidt		
52.		4,829,373	05/1989	Leberl et al.		
53.		4,838,265	06/1989	Cosman et al.		

Examiner: <i>James H</i>	Date Considered: 3/15/07
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54.	JK	4,841,967	06/1989	Chang et al.		
55.		4,825,091	08/1989	Breyer et al.		
56.		4,860,331	08/1989	Williams et al.		
57.		4,869,247	09/1989	Howard, III et al.		
58.		4,875,165	10/1989	Fencil et al.		
59.		4,875,478	10/1989	Chen		
60.		4,884,566	12/1989	Mountz et al.		
61.		4,896,673	01/1990	Rose et al.		
62.		4,955,891	09/1990	Carol		
63.		4,961,422	10/1990	Marchosky et al.		
64.		5,017,139	05/1991	Mushabac		
65.		5,047,036	09/1991	Koutrouvelis		
66.		5,078,140	01/1992	Kwoh		
67.		5,098,426	03/1992	Sklar et al.		
68.		5,099,846	03/1992	Hardy		
69.		5,143,076	09/1992	Hardy et al.		
70.		5,193,106	03/1993	DeSena		
71.		5,207,688	05/1993	Carol		
72.		5,224,049	06/1993	Mushabac		
73.		5,230,338	07/1993	Allen et al.		
74.		5,230,623	07/1993	Guthrie et al.		
75.		5,257,998	11/1993	Ota et al.		
76.		5,261,404	11/1993	Mick et al.		
77.		5,285,787	02/1994	Machida		
78.		5,291,889	03/1994	Kenet et al.		
79.		5,299,253	03/1994	Wessels		
80.		5,300,080	04/1994	Clayman et al.		

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U.S. PATENT DOCUMENTS

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81.	CK	5,306,271	04/1994	Zinreich et al.		
82.		5,307,072	04/1994	Jones, Jr.		
83.		5,330,485	07/1994	Clayman et al.		
84.		5,359,417	10/1994	Müller et al.		
85.		5,371,778	12/1994	Yanof et al.		
86.		5,394,875	03/1995	Lewis et al.		
87.		5,398,684	03/1995	Hardy		
88.		5,413,573	05/1995	Koivukangas		
89.		5,457,641	10/1995	Zimmer et al.		
90.		5,469,847	11/1995	Zinreich et al.		
91.		5,480,439	01/1996	Bisek et al.		
92.		5,514,146	05/1996	Lam et al.		
93.		5,566,681	10/1996	Manwaring et al.		
94.		5,568,384	10/1996	Robb et al.		
95.		5,575,798	11/1996	Koutrouvelis		
96.		5,590,215	12/1996	Allen		
97.		5,611,025	03/1997	Lorensen et al.		
98.		5,646,524	07/1997	Gilboa		
99.		5,682,890	11/1997	Kormos et al.		
100.		5,696,500	12/1997	Taylor et al.		
101.		5,740,802	04/1998	Nafis et al.		
102.		5,767,669	06/1998	Hansen et al.		
103.		5,767,960	06/1998	Orman		
104.		5,769,843	06/1998	Abela et al.		
105.		5,810,008	09/1998	Dekel et al.		
106.		5,820,553	10/1998	Hughes		
107.		5,828,770	10/1998	Leis et al.		

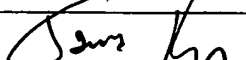
Examiner: *James H*

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U.S. PATENT DOCUMENTS						
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108.	OK	5,882,304	03/1999	Ehnholm et al.		
109.		5,889,834	03/1999	Vilsmeier et al.		
110.		5,947,980	09/1999	Jensen et al.		
111.		5,951,571	09/1999	Audette		
112.		5,957,844	09/1999	Dekel et al.		
113.		5,967,982	10/1999	Barnett		
114.		6,006,127	12/1999	Van Der Brug et al.		
115.		6,013,087	01/2000	Adams et al.		
116.		6,014,580	01/2000	Blume et al.		
117.		6,071,288	06/2000	Carol et al.		
118.		6,076,008	06/2000	Bucholz		
119.		6,096,050	08/2000	Audette		
120.		6,122,541	09/2000	Cosman et al.		
121.		6,147,480	11/2000	Osadchy et al.		
122.		6,165,181	12/2000	Heilbrun et al.		
123.		6,178,345	01/2001	Vilsmeier et al.		
124.		6,194,639	02/2001	Botella et al.		
125.		6,201,387	03/2001	Govari		
126.		6,203,497	03/2001	Dekel et al.		
127.		6,211,666	04/2001	Acker		
128.		2001/0007918	07/2001	Vilsmeier et al.		
129.		6,259,942	07/2001	Westermann et al.		
130.		6,285,902	09/2001	Kienzle, III et al.		
131.		2002/0095081	07/2002	Vilsmeier		
132.		2004/0024309	02/2004	Ferre et al.		
133.		6,314,310	11/2001	Ben-Haim et al.		
134.		6,427,314	08/2002	Acker		

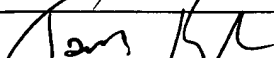
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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
135.	SK	6,478,802	11/2002	Kienzle, III et al.		
136.		6,484,049	11/2002	Seeley et al.		
137.		6,490,475	12/2002	Seeley et al.		
138.		6,516,046	02/2003	Fröhlich et al.		

FOREIGN PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes No
1.	SK	EP 0 062 941	03/1982	Europe		
2.		EP 0 119 660	09/1984	Europe		
3.		EP 0 155 857	01/1985	Europe		
4.		EP 0 326 768	12/1988	Europe		
5.		EP 0 427 358	10/1990	Europe		
6.		EP 0 456 103	05/1991	Europe		
7.		EP 0 908 146	10/1998	Europe		
8.		EP 0 930 046	10/1998	Europe		
9.		DE 35 08730	03/1985	Germany		Abstract
10.		DE 37 17 871	05/1987	Germany		Abstract
11.		DE 38 38011	11/1988	Germany		Abstract
12.		DE 42 13 426	04/1992	Germany		Abstract
13.		DE 42 25 112	07/1992	Germany		Abstract
14.		DE 197 15 202	04/1997	Germany		Abstract
15.		DE 197 47 427	10/1997	Germany		Abstract
16.		DE 197 51 761	11/1997	Germany		Abstract
17.		DE 198 32 296	07/1998	Germany		Abstract
18.		GB 2 094 590	02/1982	Great Britain		
19.		GB 2 164 856	10/1984	Great Britain		
20.		JP 61-94639	10/1984	Japan		No

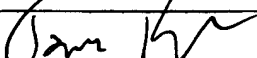
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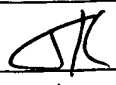
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21.	CK	JP 62-327	06/1985	Japan			
22.		JP 63-240851	03/1987	Japan			
23.		JP 3-267054	03/1990	Japan		Abstract	
24.		FR 2 618 211	07/1987	WIPO		Abstract	
25.		WO 90/05494	11/1989	WIPO			
26.		WO 95/07055	09/1994	WIPO		Abstract	
27.		WO 96/32059	11/1995	WIPO			
28.		WO 97/49453	06/1997	WIPO			
29.		WO 97/36192	10/1997	WIPO		Abstract	
30.		WO 99/23956	11/1997	WIPO			
31.		WO 99/15097	09/1998	WIPO			
32.		WO 99/21498	10/1998	WIPO		Abstract	
33.		WO 99/27839	12/1998	WIPO			
34.		WO 99/33406	12/1998	WIPO			
35.		WO 99/37208	07/1999	WIPO			
36.		WO 99/38449	01/1999	WIPO			
37.		WO 99/52094	04/1999	WIPO			
38.		WO 99/26549	06/1999	WIPO			
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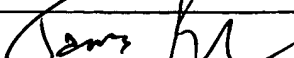
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
1.	SK	Adams et al., Computer-Assisted Surgery, IEEE Computer Graphics & Applications, pp. 43-51, (May 1990)
2.	I	Bergstrom et al. Stereotaxic Computed Tomography, Am. J. Roentgenol, vol. 127 pp. 167-170 (1976)
3.	I	Brown, R., M.D., A Stereotactic Head Frame for Use with CT Body Scanners, Investigative Radiology © J.B. Lippincott Company, pp. 300-304 (July-August 1979)

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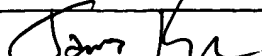
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
4.		Bucholz, R.D., et al. Image-guided surgical techniques for infections and trauma of the central nervous system, Neurosurg. Clinics of N.A., vol. 7, No. 2, pp. 187-200 (1996)
5.		Bucholz, R.D., et al., A Comparison of Sonic Digitizers Versus Light Emitting Diode-Based Localization, Interactive Image-Guided Neurosurgery, Chapter 16, pp. 179-200 (1993)
6.		Bucholz, R.D., et al., Intraoperative localization using a three dimensional optical digitizer, SPIE - The Intl. Soc. for Opt. Eng., vol. 1894, pp. 312-322 (Jan. 17-19, 1993)
7.		Bucholz, R.D., et al., Intraoperative Ultrasonic Brain Shift Monitor and Analysis, Stealth Station Marketing Brochure (2 pages) (undated)
8.		Bucholz, R.D., et al., The Correction of Stereotactic Inaccuracy Caused by Brain Shift Using an Intraoperative Ultrasound Device, First Joint Conference, Computer Vision, Virtual Reality and Robotics in Medicine and Medical Robotics and Computer-Assisted Surgery, Grenoble, France, pp. 459-466 (Mar. 19-22, 1997)
9.		Cutting M.D. et al., Optical Tracking of Bone Fragments During Craniofacial Surgery, Second Annual International Symposium on Medical Robotics and Computer Assisted Surgery, pp. 221-225, (November 1995)
10.		Friets, E.M., et al. A Frameless Stereotaxic Operating Microscope for Neurosurgery, IEEE Trans. on Biomed. Eng., vol. 36, No. 6, pp. 608-617 (July 1989)
11.		Gallen, C.C., et al., Intracranial Neurosurgery Guided by Functional Imaging, Surg. Neurol., vol. 42, pp. 523-530 (1994)
12.		Galloway, R.L., Jr. et al, Optical localization for interactive, image-guided neurosurgery, SPIE, Vol. 2164, pp. 137-145 (undated)
13.		Galloway, R.L., et al., Interactive Image-Guided Neurosurgery, IEEE Trans. on Biomed. Eng., vol. 89, No. 12, pp. 1226-1231 (1992)
14.		Gomez, C.R., et al., Transcranial Doppler Ultrasound Following Closed Head Injury: Vasospasm or Vasoparalysis?, Surg. Neurol., vol. 35, pp. 30-35 (1991)
15.		Grimson, W.E.L., An Automatic Registration Method for Frameless Stereotaxy, Image Guided Surgery, and enhanced Reality Visualization, IEEE, pp. 430-436 (1994)
16.		Grimson, W.E.L., et al., Virtual-reality technology is giving surgeons the equivalent of x-ray vision helping them to remove tumors more effectively, to minimize surgical wounds and to avoid damaging critical tissues, Sci. Amer., vol. 280, No. 6, pp. 62-69 (Jun. 1999)
17.		Guthrie, B.L., Graphic-Interactive Cranial Surgery: The Operating Arm System, Handbook of Stereotaxy Using the CRW Apparatus, Chapter 13, pp. 193-211 (undated)

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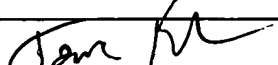
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18.	DK	Hardy, T., M.D., et al., CASS: A Program for Computer Assisted Stereotaxic Surgery, The Fifth Annual Symposium on Computer Applications in Medical Care, Proceedings, November 1-4, 1981, IEEE, pp. 1116-1126, (1981)
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2.		Re. 35,816	6/1998	Schulz		
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4.		1,735,726	11/1929	Bornhardt		
5.		2,407,845	09/1946	Nemeyer		
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7.		2,697,433	12/1954	Sehnder		
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10.		3,061,936	11/1962	Dobbeleer		
11.		3,073,310	01/1963	Mocarski		
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23.		4,054,881	10/18/1977	Raab		
24.		4,117,337	09/26/1978	Staats		
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27.		4,262,306	04/14/1981	Renner		
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29.		4,314,251	02/02/1982	Raab		
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43.		4,572,198	02/25/1986	Codrington		
44.		4,584,577	04/22/1986	Temple		
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46.		4,618,978	10/21/1986	Cosman		
47.		4,621,628	11/1986	Bludermann		
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49.		4,642,786	02/10/1987	Hansen		
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56.		4,719,419	01/12/1988	Dawley		
57.		4,722,056	01/26/1988	Roberts et al.		
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62.	JK	4,750,487	06/1988	Zanetti		
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80.		4,951,653	08/1990	Fry et al.		
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83.		4,991,579	02/12/1991	Allen		
84.		5,002,058	03/26/1991	Martinelli		
85.		5,005,592	04/09/1991	Cartmell		
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97.		5,079,699	01/07/1992	Tuy et al.		
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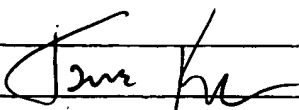
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104.		5,107,843	04/1992	Aarnio, et al.		
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107.		5,119,817	06/09/1992	Allen		
108.		5,142,930	09/01/1992	Allen et al.		
109.		5,152,288	10/06/1992	Hoening et al.		
110.		5,160,337	11/1992	Cosman		
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114.		5,186,174	02/1993	Schlondorff et al.		
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117.		5,190,059	03/02/1993	Fabian et al		
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120.		5,198,768	03/30/1993	Keren		
121.		5,198,877	03/30/1993	Schulz		

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122.	<i>SK</i>	5,211,164	05/18/1993	Allen		
123.		5,211,165	05/18/1993	Dumoulin et al.		
124.		5,211,176	05/1993	Ishiguro et al.		
125.		5,212,720	05/1993	Landi et al.		
126.		5,214,615	05/25/1993	Bauer		
127.		5,219,351	06/1993	Teubner et al.		
128.		5,222,499	06/29/1993	Allen et al.		
129.		5,228,442	07/20/1993	Imran		
130.		5,233,990	08/1993	Barnea		
131.		5,237,996	08/24/1993	Waldman et al.		
132.		5,249,581	10/1993	Horbal et al.		
133.		5,251,127	10/1993	Raab		
134.		5,251,635	10/12/1993	Dumoulin et al.		
135.		5,253,647	10/19/1993	Takahashi et al.		
136.		5,255,680	10/26/1993	Darrow et al.		
137.		5,257,636	11/02/1993	White		
138.		5,265,610	11/30/1993	Darrow et al.		
139.		5,265,611	11/30/1993	Hoening et al.		
140.		5,269,759	12/14/1993	Hernandez et al.		
141.		5,271,400	12/21/1993	Dumoulin et al.		

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143.		5,274,551	12/28/1993	Corby, Jr.		
144.		5,279,309	01/18/1994	Taylor et al.		
145.		5,291,199	03/01/1994	Overman et al		
146.		5,295,483	03/22/1994	Nowacki et al.		
147.		5,297,549	03/29/1994	Beatty et al.		
148.		5,299,254	03/29/1994	Dancer et al.		
149.		5,299,288	03/29/1994	Glassman et al.		
150.		5,305,091	04/1994	Gelbart et al.		
151.		5,305,203	04/1994	Raab		
152.		5,309,913	05/10/1994	Kormos et al.		
153.		5,315,630	05/24/1994	Sturm et al.		
154.		5,316,024	05/31/1994	Hirschi et al.		
155.		5,318,025	06/07/1994	Dumoulin et al.		
156.		5,320,111	06/1994	Livingston		
157.		5,325,728	07/05/1994	Zimmerman et al.		
158.		5,325,873	07/05/1994	Hirschi et al.		
159.		5,329,944	07/19/1994	Fabian et al		
160.		5,333,168	07/1994	Fernandes et al.		
161.		5,353,795	10/11/1994	Souza et al.		

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U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
162.	CK	5,353,800	10/11/1994	Pohndorf et al		
163.		5,353,807	10/11/1994	DeMarco		
164.		5,368,030	11/29/1994	Zinreich et al.		
165.		5,375,596	12/27/1994	Twiss et al.		
166.		5,377,678	01/03/1995	Dumoulin et al.		
167.		5,383,454	01/24/1995	Bucholz		
168.		5,385,146	01/31/1995	Goldreyer		
169.		5,385,148	01/31/1995	Lesh et al.		
170.		5,386,828	02/07/1995	Owens et al.		
171.		5,389,101	02/1995	Heilbrun et al.		
172.		5,391,199	02/21/1995	Ben-Haim		
173.		5,394,457	02/1995	Leibinger et al.		
174.		5,397,329	03/1995	Allen		
175.		5,399,146	03/21/1995	Nowacki et al.		
176.		5,400,384	03/1995	Fernandes et al.		
177.		5,402,801	04/04/1995	Taylor		
178.		5,408,409	04/1995	Glassman et al.		
179.		5,417,210	05/23/1995	Funda et al.		
180.		5,419,325	05/30/1995	Dumoulin et al.		
181.		5,423,334	06/13/1995	Jordan		

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Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
182.	JK	5,425,367	06/20/1995	Shapiro et al.		
183.		5,425,382	06/20/1995	Golden et al.		
184.		5,426,683	06/1995	O'Farrell, Jr., et al.		
185.		5,426,687	06/1995	Goodall et al.		
186.		5,427,097	06/1995	Depp		
187.		5,429,132	07/04/1995	Guy et al.		
188.		5,433,198	07/18/1995	Desai		
189.		5,437,277	08/01/1995	Dumoulin et al.		
190.		5,443,066	08/22/1995	Dumoulin et al.		
191.		5,443,489	08/22/1995	Ben-Haim		
192.		5,444,756	08/1995	Pai et al.		
193.		5,445,144	08/29/1995	Wodicka et al.		
194.		5,445,150	08/29/1995	Dumoulin et al.		
195.		5,445,166	08/29/1995	Taylor		
196.		5,446,548	08/1995	Gerig et al.		
197.		5,447,154	09/05/1995	Cinquin et al.		
198.		5,448,610	09/1995	Yamamoto et al.		
199.		5,453,686	09/26/1995	Anderson		
200.		5,456,718	10/10/1995	Szymaitis		
201.		5,458,718	10/17/1995	Venkitachalam		

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Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
202.	OK	5,464,446	11/1995	Dreessen et al.		
203.		5,478,341	12/1995	Cook et al.		
204.		5,478,343	12/1995	Ritter		
205.		5,480,422	01/02/1996	Ben-Haim		
206.		5,483,961	01/16/1996	Kelly et al.		
207.		5,485,849	01/23/1996	Panescu et al.		
208.		5,487,391	01/30/1996	Panescu		
209.		5,487,729	01/30/1996	Avellanet et al.		
210.		5,487,757	01/30/1996	Truckai et al.		
211.		5,490,196	02/06/1996	Rudich et al.		
212.		5,494,034	02/27/1996	Schlondorff et al.		
213.		5,503,416	04/1996	Aoki et al.		
214.		5,513,637	05/07/1996	Twiss et al.		
215.		5,515,160	05/07/1996	Schulz et al.		
216.		5,517,990	05/21/1996	Kalfas et al.		
217.		5,531,227	07/02/1996	Schneider		
218.		5,531,520	07/02/1996	Grimson et al.		
219.		5,542,938	08/06/1996	Avellanet et al.		
220.		5,543,951	08/06/1996	Moehrmann		
221.		5,546,940	08/20/1996	Panescu et al.		

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Sam KM

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Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
222.	CL	5,546,949	08/20/1996	Frazin et al.		
223.		5,546,951	08/20/1996	Ben-Haim		
224.		5,551,429	09/1996	Fitzpatrick et al.		
225.		5,558,091	09/24/1996	Acker et al.		
226.		5,568,809	10/29/1996	Ben-haim		
227.		5,572,999	11/12/1996	Funda et al.		
228.		5,573,533	11/12/1996	Strul		
229.		5,575,794	11/1996	Walus et al.		
230.		5,583,909	12/1996	Hanover		
231.		5,588,430	12/31/1996	Bova et al.		
232.		5,592,939	01/14/1997	Martinelli		
233.		5,595,193	01/1997	Walus et al.		
234.		5,596,228	01/1997	Anderton et al.		
235.		5,600,330	02/04/1997	Blood		
236.		5,603,318	02/1997	Heilbrun et al.		
237.		5,617,462	04/1997	Spratt		
238.		5,617,857	04/08/1997	Chader et al.		
239.		5,619,261	04/1997	Anderton		
240.		5,622,169	04/22/1997	Golden et al.		
241.		5,622,170	04/22/1997	Schulz		

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Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
242.	DK	5,627,873	05/1997	Hanover et al.		
243.		5,628,315	05/13/1997	Vilsmeier et al.		
244.		5,630,431	05/20/1997	Taylor		
245.		5,636,644	06/10/1997	Hart et al		
246.		5,638,819	06/17/1997	Manwaring et al.		
247.		5,640,170	06/17/1997	Anderson		
248.		5,642,395	06/1997	Anderton et al.		
249.		5,643,268	07/01/1997	Vilsmeier et al.		
250.		5,645,065	07/08/1997	Shapiro et al.		
251.		5,647,361	07/15/1997	Damadian		
252.		5,662,111	09/02/1997	Cosman		
253.		5,664,001	09/1997	Tachibana et al.		
254.		5,674,296	10/07/1997	Bryan et al.		
255.		5,676,673	10/14/1997	Ferre et al.		
256.		5,681,260	10/28/1997	Ueda et al		
257.		5,682,886	11/04/1997	Delp et al.		
258.		5,690,108	11/1997	Chakeres		
259.		5,694,945	12/09/1997	Ben-Haim		
260.		5,695,500	12/09/1997	Taylor et al.		
261.		5,695,501	12/09/1997	Carol et al.		

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U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
262.	STL	5,697,377	12/1997	Wittkamp		
263.		5,702,406	12/30/1997	Vilsmeier et al.		
264.		5,711,299	01/27/1998	Manwaring et al.		
265.		5,713,946	02/03/1998	Ben-Haim		
266.		5,715,822	02/10/1998	Watkins		
267.		5,715,836	02/10/1998	Kliegis et al.		
268.		5,718,241	02/17/1998	Ben-Haim et al.		
269.		5,727,552	03/17/1998	Ryan		
270.		5,727,553	03/1998	Saad		
271.		5,729,129	03/17/1998	Acker		
272.		5,730,129	03/24/1998	Darrow et al.		
273.		5,730,130	03/1998	Fitzpatrick et al.		
274.		5,732,703	03/31/1998	Kalfas et al.		
275.		5,735,278	04/07/1998	Hoult et al.		
276.		5,738,096	04/14/1998	Ben-Haim		
277.		5,740,808	4/1998	Panescu et al.		
278.		5,741,214	04/21/1998	Ouchi et al.		
279.		5,742,394	04/1998	Hansen		
280.		5,744,953	04/28/1998	Hansen		
281.		5,748,767	05/1998	Raab		

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Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
282.	JK	5,749,362	05/12/1998	Funda et al.		
283.		5,749,835	05/12/1998	Glantz		
284.		5,752,513	05/19/1998	Acker et al.		
285.		5,755,725	05/26/1998	Druais		
286.		5,758,667	06/02/1998	Slettenmark		
287.		5,762,064	06/09/1998	Polyani		
288.		5,767,699	06/16/1998	Hansen et al.		
289.		5,769,789	06/23/1998	Wang et al.		
290.		5,769,861	06/23/1998	Vilsmeier		
291.		5,772,594	06/1998	Barrick		
292.		5,775,322	07/07/1998	Silverstein et al		
293.		5,776,064	07/07/1998	Kalfas et al.		
294.		5,782,765	07/21/1998	Jonkman		
295.		5,787,886	08/04/1998	Kelly et al.		
296.		5,792,055	08/11/1998	McKinnon		
297.		5,795,294	08/18/1998	Luber et al.		
298.		5,797,849	08/1998	Vesely et al.		
299.		5,799,055	08/1998	Peshkin et al.		
300.		5,799,099	08/1998	Wang et al.		
301.		5,800,352	09/01/1998	Ferre et al.		

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U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
302.	<i>OK</i>	5,800,535	09/01/1998	Howard, III		
303.		5,802,719	09/1998	O'Farrell, Jr., et al.		
304.		5,803,089	09/08/1998	Ferre et al.		
305.		5,807,252	9/15/1998	Hassfeld et al.		
306.		5,810,728	09/22/1998	Kuhn		
307.		5,810,735	09/22/1998	Halperin et al		
308.		5,823,192	10/1998	Kalend et al.		
309.		5,823,958	10/20/1998	Truppe		
310.		5,828,725	10/27/1998	Levinson		
311.		5,829,444	11/03/1998	Ferre et al.		
312.		5,831,260	11/03/1998	Hansen		
313.		5,833,608	11/10/1998	Acker		
314.		5,834,759	11/10/1998	Glossop		
315.		5,836,954	11/1998	Heilbrun et al.		
316.		5,840,024	11/24/1998	Taniguchi et al.		
317.		5,840,025	11/24/1998	Ben-Haim		
318.		5,843,076	12/1/1998	Webster, Jr. et al.		
319.		5,848,967	12/15/1998	Cosman		
320.		5,851,183	12/1998	Bucholz		
321.		5,865,846	02/02/1999	Bryan et al.		

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U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
322.	OK	5,868,674	02/09/1999	Glowinski et al.		
323.		5,868,675	02/09/1999	Henrion et al.		
324.		5,871,445	02/16/1999	Bucholz		
325.		5,871,455	09/1999	Ueno		
326.		5,871,487	02/16/1999	Warner et al.		
327.		5,873,822	02/23/1999	Ferre et al.		
328.		5,884,410	03/1999	Prinz		
329.		5,891,034	04/1999	Bucholz		
330.		5,891,157	04/06/1999	Day et al.		
331.		5,904,691	05/18/1999	Barnett et al.		
332.		5,907,395	05/1999	Schultz et al.		
333.		5,913,820	06/22/1999	Bladen et al.		
334.		5,920,395	07/06/1999	Schulz		
335.		5,921,992	07/13/1999	Costales et al.		
336.		5,923,727	07/1999	Navab		
337.		5,928,248	7/27/1999	Acker		
338.		5,938,603	8/17/1999	Ponzi		
339.		5,938,694	08/17/1999	Jaraczewski et al.		
340.		5,947,981	09/1999	Cosman		
341.		5,950,629	09/14/1999	Taylor et al.		

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U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
342.	OK	5,951,475	09/14/1999	Gueziec et al.		
343.		5,954,647	09/21/1999	Bova et al.		
344.		5,954,796	10/12/1999	Imran		
345.		5,967,980	10/19/1999	Ferre et al.		
346.		5,968,047	10/10/1999	Reed		
347.		5,971,997	10/1999	Guthrie et al.		
348.		5,976,156	11/02/1999	Taylor et al.		
349.		5,980,535	11/1999	Barnett et al.		
350.		5,983,126	11/09/1999	Wittkamp		
351.		5,987,349	11/16/1999	Schulz		
352.		5,987,960	11/1999	Messner et al.		
353.		5,999,837	12/1999	Messner et al.		
354.		5,999,840	12/1999	Grimson et al.		
355.		6,001,130	12/14/1999	Bryan et al.		
356.		6,006,126	12/1999	Cosman		
357.		6,016,439	01/2000	Acker		
358.		6,019,725	02/01/2000	Vesely et al.		
359.		6,024,695	02/15/2000	Greenberg et al.		
360.		6,050,724	04/2000	Schmitz et al.		
361.		6,059,718	05/2000	Taniguchi et al.		

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U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
362.	SK	6,063,022	5/16/2000	Ben-Haim		
363.		6,073,043	06/2000	Schneider		
364.		6,104,944	08/15/2000	Martinelli		
365.		6,118,845	09/12/2000	Simon et al.		
366.		6,122,538	09/19/2000	Sliwa, Jr. et al.		
367.		6,131,396	10/17/2000	Duerr et al.		
368.		6,139,183	10/2000	Graumann		
369.		6,149,592	11/2000	Yanof et al.		
370.		6,156,067	12/05/2000	Bryan et al.		
371.		6,161,032	12/12/2000	Acker		
372.		6,167,296	12/2000	Shahidi		
373.		6,172,499	01/09/2001	Ashe		
374.		6,175,756	1/16/2001	Ferre et al.		
375.		6,223,067	04/24/2001	Vilsmeier		
376.		6,233,476	3/2001	Strommer et al.		
377.		6,246,231	06/12/2001	Ashe		
378.		6,273,896	08/14/2001	Franck et al.		
379.		6,298,262	10/02/2001	Franck et al.		
380.		6,332,089	12/2001	Acker et al.		
381.		6,341,231	1/22/2002	Ferre et al.		

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Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
382.	SK	6,351,659	02/26/2002	Vilsmeier		
383.		6,381,485	04/30/2002	Hunter et al.		
384.		6,424,856	07/23/2002	Vilsmeier et al.		
385.		6,428,547	08/06/2002	Vilsmeier et al.		
386.		6,434,415	08/13/2002	Foley et al.		
387.		6,437,567	08/20/2002	Schenck et al.		
388.		6,445,943	9/3/2002	Ferre et al.		
389.		6,470,207	10/22/2002	Simon et al.		
390.		6,474,341	11/05/2002	Hunter et al.		
391.		6,493,573	12/10/2002	Martinelli et al.		
392.		6,498,944	12/24/2002	Ben-Haim et al.		
393.		6,499,488	12/31/2002	Hunter et al.		
394.		6,516,212	2/2003	Bladen et al.		
395.		6,522,907	2/2003	Bladen et al.		
396.		6,527,443	03/04/2003	Vilsmeier et al.		
397.		6,551,325	04/22/2003	Neubauer et al.		
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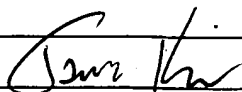
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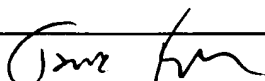
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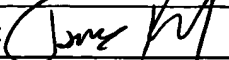
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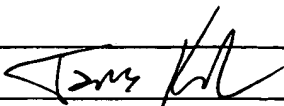
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